

IN THE SPECIFICATION:

Please amend the paragraph starting at line 14 of page 12 of the specification and ending at line 21 of the specification as follows:

Public domain GeneChip® data describing the yeast cell cycle (~~downloaded from <http://genomics.stanford.edu>~~) (retrieved from a database found in Stanford University's website under the link genomics.stanford.edu) was chosen to validate the fuzzy logic algorithm. Since the yeast cell cycle is a tightly regulated process at the genetic level, the expression data was expected to show detectable relationships among different genes that might be detected via fuzzy logic algorithm. Also, years of experimental work on yeast has generated an extensive body of biological data describing many of the proteins in the organism, allowing the confirmation or dismissal of findings based on data in the literature.